

WHAT IS CLAIMED IS

1. An ejection mechanism of card connector comprising:
 - a guiding wall formed on one lateral side of a bottom board of the card connector;
 - a cam groove arranged to adjoin the guide wall on the bottom board;
 - a slider which slips through the guiding wall, the slider defining a pressed member and a mating portion, the pressed member opening a sliding aperture thereon, the mating portion engaging with a card;
 - a slider pin, one end of the slider pin engaging pivotally with the slider, the other end of the slider pin engaging moveably with the cam groove and moving back and forth therein;
 - a spring arranged between the pressed member of the slider and the guiding wall; and
 - a supporting shaft passing through the sliding aperture and the spring further to engage with the guiding wall.
2. The ejection mechanism of card connector as claimed in Claim 1, wherein the guiding wall is formed in its bottom end with a holding hole for holding the supporting shaft therein.
3. The ejection mechanism of card connector as claimed in Claim 1, wherein the slider has a spring pin, a free front end of the spring pin forms a locking portion which contacts and presses with the slider pin.
4. The ejection mechanism of card connector as claimed in Claim 1, wherein the slider has a sliding arm, the pressed portion is bent downwardly and vertically from a bottom end of the sliding arm.
5. An ejection mechanism of card connector comprising:
 - a guiding wall formed on one lateral side of a bottom board of the card connector;
 - a slider which slips through the guiding wall, the slider defining a pressed member and a mating portion, the mating portion engaging with a card;

- a cam member including a cam groove and a slider pin, one of the cam groove and the slider pin arranged in the bottom board, the other arranged in the slider, the cam groove and the slider pin engaging each other which results a back and forth relative movement to drive the slider moving back and forth relatively to the card;
 - a spring arranged between the pressed member of the slider and the guiding wall; and
 - a supporting shaft passing through the spring, one end of the supporting shaft engaging with one of the pressed member and the guiding wall, the other end of the supporting shaft making a movement relative to the other of the pressed member and the guiding wall.
6. The ejection mechanism of card connector as claimed in Claim 5, wherein the slider has a spring pin, a free front end of the spring pin forms a locking portion which contacts and presses with the slider pin.
 7. The ejection mechanism of card connector as claimed in Claim 5, wherein the guiding wall opens a slot, one end of the supporting shaft engages with the pressed member, the other end is received in the slot and moves back and forth therein.
 8. The ejection mechanism of card connector as claimed in Claim 5, wherein the guiding wall opens a slot, the supporting shaft is shaped with the pressed member as a whole, a free end of the supporting shaft is received in the slot and moves back and forth therein.
 9. The ejection mechanism of card connector as claimed in Claim 5, wherein the cam groove of the cam member is formed in the bottom board.
 10. The ejection mechanism of card connector as claimed in Claim 5, wherein the slider pin of the cam member is engaged with the bottom board.
 11. The ejection mechanism of card connector as claimed in Claim 5, wherein the slider has a sliding arm which is shaped with the pressed member, the pressed

member is composed of a sliding blade and a sliding aperture, the sliding blade is bent downwardly and vertically from a bottom end of the sliding arm, and the sliding aperture is formed on the sliding blade.

12. The ejection mechanism of card connector as claimed in Claim 11, wherein the guiding wall is formed with a holding hole, the supporting shaft passes through the sliding aperture, the spring and the holding hole in which the supporting shaft is held.